

Installation Instructions

Choose the mounting location for the siren-the wall must be even and free of hole and protrusions.
Mark and drill 5 holes with help of attach drill pattern plate (4 holes for the housing base and 1 hanging hole).

Remove the siren housing (1 screw on the front), and remove the metal cover (2 screws)

Important: Cut off the power before you make the connection!

Plug the removable terminal, mount the siren housing on the wall. Connect the wires to the terminals to your PCB board.

Turn on the system and check its function properly

Connect the back-up battery

Mount the metal cover with 2 screws

Important: keep attention to the polarity of the battery; a reverse polarity can cause damage of the driver circuit.

Mount the housing with 1 screw.

Block Connection

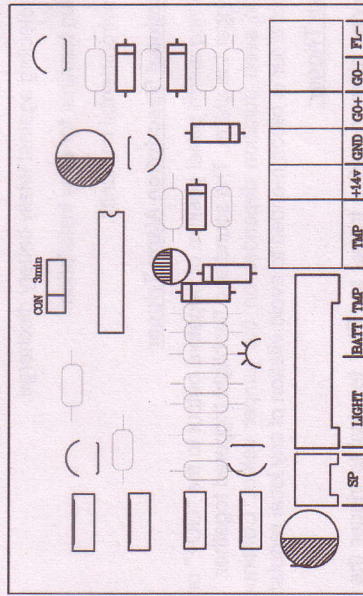


fig 1

1-Marked "FL-" trigger for the flashlight only, it is connected to the negative output of the system, Active while the input is low.

2-Marked "Go-" trigger for the siren and the flashlight, active while the input is negative.

3-Marked "GO+" trigger for the siren and flashlight, active while the input is positive.

4-Marked the "GND" connect to the ground of the control unit.

5-Marked "+14V" connect to a positive voltage output of the 13.6-14.2VDC source (usually alarm control unit).

6&7-Marked "TAMP" if a tamper function is required. Connect these terminals to a 24-hour closed alarm zone in the control unit, if the front cover of the siren is opened or siren box is removed from the wall, an immediate alarm signal will be sent to the control unit.

Siren Specifications	
SPL	120db
Fundamental Frequency	1850Hz
Siren Tone	Yelp
Frequency Range	1300-2400Hz
Flashlight	Lamp 12VDC/5W
Power supply Voltage	13.8-14.2VDC
Charge Current Limit	250mA
Current Consumption(Speaker and strobe)	Standby: 8mA
	Alarm 1600mA@13.8VDC
Maximum Power	50W(peak)
Trigger Level	Trigger Low=Max.1VDC
	Trigger High=Min.9VDC
Siren Alarm Period	continuous
	3 minutes
Input Impedance(Alarm/Flash/Trigger)	1K ohm
Tamper Switch	N.C 28VDC Maximum current 0.1A-open when cover is removed
Backup Battery	Rechargeable Lead Acid Battery 12VDC up to 4Ah
Low Battery Level	8VDC+/-0.3VDC
Material	External Box: ABS (3mm Thickness)
	Internal cover: zinc plated metal
Dimensions of Unit	L=275mm*W=190mm*H=95mm
Weight(without battery)	1.85Kg
Operating Temperature Range	-30 to +60 °C
Case Protection Level	Water splash resistant
	Plastic ABS with UV Protection
	Conformal coated circuit board